

REMARKS

Claims 1-121 are now pending in the application. Claims 19 and 55 are amended. Claims 12, 22-36, 48, 58-99 and 102-121 are cancelled. Minor amendments have been made to the claims to simply overcome rejections of the Claims under 35 U.S.C. § 112. The amendments to the claims contained herein are of equivalent scope as originally filed and, thus, are not narrowing amendments. Support for the amendments to the claims can be found throughout the drawings and specification. As such, no new matter is added. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

Applicant would like to thank the Examiner for the courtesy extended during the interview on June 11, 2008. During the interview, the Examiner agreed that the claims as amended overcome the rejections under 35 U.S.C. §112.

REJECTION UNDER 35 U.S.C. § 112

Claims 19, 34, 55, 70, 84, and 97 stand rejected under 35 U.S.C. § 112, second paragraph. This rejection is respectfully traversed.

Minor amendments have been made to Claims 19 and 55 to simply overcome the rejections of the claims under 35 U.S.C. § 112. The claims, as amended, include versions of particular IEEE standards that were in effect up to and including September 19, 2003. Support for the amendments to the claims can be found throughout the drawings and specification. As such, no new matter is added. Claims 34, 70, 84 and 97 are cancelled.

REJECTIONS UNDER 35 U.S.C. § 103

Claims 22, 34, 35, 36, 58, 71, 72, 73, 74, 75, 76, 79, 80, 82, 84, 85, 86, 87, 88, 89, 90, 93, 94, 96, 97, 98 and 99 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Chen et al. (U.S. Pub. No. 2004/0253996A1) in view of Mahany et al. (U.S. Pub. No. 2006/0280140A9).

Claims 23, 59, 24, 25, 26, 27, 28, 29, 30, 31, 33, 60, 61, 62, 63, 64, 65, 66, 67, 69, 77, 78, 88-90, 91 and 92 are rejected as being unpatentable over Chen et al. in view of Mahany et al., and further in view of Karaoguz (U.S. Pub. No. 2004/0029620A1).

Claim 83 stands rejected as being unpatentable over Chen et al. in view of Mahany et al., further in view of Karaoguz, and further in view of Jokinen (U.S. 005774813A).

Claim 116 stands rejected as being unpatentable over Chen et al. in view of Mahany et al., further in view of Karaoguz, and further in view of Gardner et al. (U.S. 005950120A).

Claim 117 stands rejected as being unpatentable over Chen et al. in view of Mahany et al., further in view of Karaoguz, and further in view of Jokinen (U.S. 005774813A).

Claim 118 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Chen et al. in view of Mahany et al., further in view of Karaoguz, further in view of Gardner et al., and further in view of Jokinen.

Claims 119, 120 and 121 stand rejected as being unpatentable over Chen et al. in view of Mahany et al., further in view of Karaoguz, further in view of Gardner et al., further in view of Jokinen, and further in view of Khlat et al. (U.S. 007046977B2).

Claims 22-36, 58-99 and 116-121 are cancelled, thus rendering these rejections moot. Applicant reserves the right to pursue the cancelled claims in one or more continuing applications.

ALLOWABLE SUBJECT MATTER

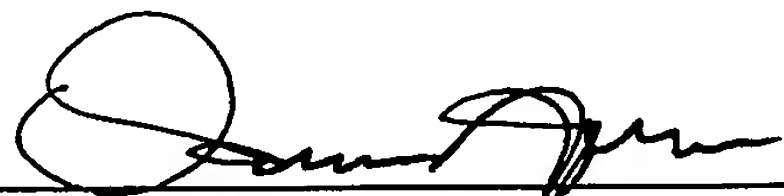
The Examiner states that Claims 1-11, 13-21, 100, 37-47, 49, 57 and 101 would be allowable if the 112 rejections to Claims 19, 34, 55, 70, 84, and 97 are complied with. Accordingly, Applicant has amended Claims 19 and 55 and cancelled Claims 34, 70, 84, and 97. Therefore, Claims 1-11, 13-21, 100, 37-47, 49, 57 and 101 should now be in condition for allowance.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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